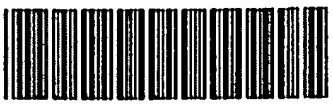
RAW SEQUENCE LISTING

Mail

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/565,495
Source: IFWP
Date Processed by STIC: 1/30/06

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 01/30/2006
PATENT APPLICATION: US/10/565,495 TIME: 15:09:22

Input Set : A:\PU60406SEQLIST.txt
Output Set: N:\CRF4\01302006\J565495.raw

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     4 <110> APPLICANT: Legos, Jeffrey F
     5       Barone, Frank T
     6       Coatney, Robert
     8 <120> TITLE OF INVENTION: METHODS OF TREATMENT WITH LXR AGONISTS
    11 <130> FILE REFERENCE: PU60406
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/565,495
C--> 14 <141> CURRENT FILING DATE: 2006-01-20
    16 <150> PRIOR APPLICATION NUMBER: 60/489,202
    17 <151> PRIOR FILING DATE: 2002-07-22
    19 <160> NUMBER OF SEQ ID NOS: 4
    21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    23 <210> SEQ ID NO: 1
    24 <211> LENGTH: 1344
    25 <212> TYPE: DNA
    26 <213> ORGANISM: Homo sapien
    28 <400> SEQUENCE: 1
    29 atgtccttgt ggctgggggc ccctgtgcct gacattcctc ctgactctgc ggtggagctg 60
    30 tggaagccag gcgcacagga tgcaagcagc caggcccagg gaggcagcag ctgcatcctc 120
    31 agagaggaag ccaggatgcc ccactctgct gggggtactg caggggtggg gctggaggct 180
    32 gcagagccca cagccctgct caccagggca gagcccccct cagaacccac agagatccgt 240
    33 ccacaaaagc ggaaaaaggg gccagccccc aaaatgctgg ggaacgagct atgcagcgtg 300
    34 tgtggggaca aggcctcggg cttccactac aatgttctga gctgcgaggg ctgcaaggga 360
    35 ttcttccgcc gcagcgtcat caagggagcg cactacatct gccacagtgg cggccactgc 420
    36 cccatggaca cctacatgcg tcgcaagtgc caggagtgtc ggcttcgcaa atgccgtcag 480
    37 gctggcatgc gggaggagtg tgtcctgtca gaagaacaga tccgcctgaa gaaactgaag 540
    38 cggcaagagg aggaacaggc tcatgccaca tccttgcccc ccaggcgttc ctcacccccc 600
    39 caaatcctgc cccagctcag cccggaacaa ctgggcatga tcgagaagct cgtcgctgcc 660
    40 cagcaacagt gtaaccggcg ctccttttct gaccggcttc gagtcacgcc ttggcccatg 720
    41 gcaccagatc cccatagccg ggaggcccgt cagcagcgct ttgcccactt cactgagctg 780
    42 gccatcgtct ctgtgcagga gatagttgac tttgctaaac agctacccgg cttcctgcag 840
    43 ctcagccggg aggaccagat tgccctgctg aagacctctg cgatcgaggt gatgcttctg 900
    44 gagacatctc ggaggtacaa ccctgggagt gagagtatca ccttcctcaa ggatttcagt 960
    45 tataaccggg aagactttgc caaagcaggg ctgcaagtgg aattcatcaa ccccatcttc 1020
    46 gagttctcca gggccatgaa tgagctgcaa ctcaatgatg ccgagtttgc cttgctcatt 1080
    47 gctatcagca tcttctctgc agaccggccc aacgtgcagg accagctcca ggtggagagg 1140
    48 ctgcagcaca catatgtgga agccctgcat gcctacgtct ccatccacca tccccatgac 1200
    49 cgactgatgt tcccacggat gctaatgaaa ctggtgagcc tccggaccct gagcagcgtc 1260
    50 cactcagagc aagtgtttgc actgcgtctg caggacaaaa agctcccacc gctgctctct 1320
    51 gagatctggg atgtgcacga atga                                       1344
    53 <210> SEQ ID NO: 2
    54 <211> LENGTH: 447
    55 <212> TYPE: PRT
    56 <213> ORGANISM: Homo sapien
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RAW SEQUENCE LISTING DATE: 01/30/2006
PATENT APPLICATION: US/10/565,495 TIME: 15:09:22

Input Set : A:\PU60406SEQLIST.txt
Output Set: N:\CRF4\01302006\J565495.raw

<400> SEQUENCE: 2

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Met Ser Leu Trp Leu Gly Ala Pro Val Pro Asp Ile Pro Pro Asp Ser
 1               5                  10                  15
Ala Val Glu Leu Trp Lys Pro Gly Ala Gln Asp Ala Ser Ser Gln Ala
            20                  25                  30
Gln Gly Gly Ser Ser Cys Ile Leu Arg Glu Glu Ala Arg Met Pro His
        35                  40                  45
Ser Ala Gly Gly Thr Ala Gly Val Gly Leu Glu Ala Ala Glu Pro Thr
    50                  55                  60
Ala Leu Leu Thr Arg Ala Glu Pro Pro Ser Glu Pro Thr Glu Ile Arg
65                  70                  75                  80
Pro Gln Lys Arg Lys Lys Gly Pro Ala Pro Lys Met Leu Gly Asn Glu
                85                  90                  95
Leu Cys Ser Val Cys Gly Asp Lys Ala Ser Gly Phe His Tyr Asn Val
            100                 105                 110
Leu Ser Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Val Ile Lys
        115                 120                 125
Gly Ala His Tyr Ile Cys His Ser Gly Gly His Cys Pro Met Asp Thr
    130                 135                 140
Tyr Met Arg Arg Lys Cys Gln Glu Cys Arg Leu Arg Lys Cys Arg Gln
145                 150                 155                 160
Ala Gly Met Arg Glu Glu Cys Val Leu Ser Glu Glu Gln Ile Arg Leu
                165                 170                 175
Lys Lys Leu Lys Arg Gln Glu Glu Glu Gln Ala His Ala Thr Ser Leu
            180                 185                 190
Pro Pro Arg Arg Ser Ser Pro Pro Gln Ile Leu Pro Gln Leu Ser Pro
        195                 200                 205
Glu Gln Leu Gly Met Ile Glu Lys Leu Val Ala Ala Gln Gln Gln Cys
    210                 215                 220
Asn Arg Arg Ser Phe Ser Asp Arg Leu Arg Val Thr Pro Trp Pro Met
225                 230                 235                 240
Ala Pro Asp Pro His Ser Arg Glu Ala Arg Gln Gln Arg Phe Ala His
                245                 250                 255
Phe Thr Glu Leu Ala Ile Val Ser Val Gln Glu Ile Val Asp Phe Ala
            260                 265                 270
Lys Gln Leu Pro Gly Phe Leu Gln Leu Ser Arg Glu Asp Gln Ile Ala
        275                 280                 285
Leu Leu Lys Thr Ser Ala Ile Glu Val Met Leu Leu Glu Thr Ser Arg
    290                 295                 300
Arg Tyr Asn Pro Gly Ser Glu Ser Ile Thr Phe Leu Lys Asp Phe Ser
305                 310                 315                 320
Tyr Asn Arg Glu Asp Phe Ala Lys Ala Gly Leu Gln Val Glu Phe Ile
                325                 330                 335
Asn Pro Ile Phe Glu Phe Ser Arg Ala Met Asn Glu Leu Gln Leu Asn
            340                 345                 350
Asp Ala Glu Phe Ala Leu Leu Ile Ala Ile Ser Ile Phe Ser Ala Asp
        355                 360                 365
Arg Pro Asn Val Gln Asp Gln Leu Gln Val Glu Arg Leu Gln His Thr
    370                 375                 380
```

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Input Set : A:\PU60406SEQLIST.txt
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```
Tyr Val Glu Ala Leu His Ala Tyr Val Ser Ile His His Pro His Asp
385                 390                 395                 400
Arg Leu Met Phe Pro Arg Met Leu Met Lys Leu Val Ser Leu Arg Thr
                405                 410                 415
Leu Ser Ser Val His Ser Glu Gln Val Phe Ala Leu Arg Leu Gln Asp
            420                 425                 430
Lys Lys Leu Pro Pro Leu Leu Ser Glu Ile Trp Asp Val His Glu
        435                 440                 445
<210> SEQ ID NO: 3
<211> LENGTH: 1383
<212> TYPE: DNA
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 3
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cctggcgccc cttcttcttc acccactgta aaggaggagg gtccggagcc gtggcccggg 120
ggtccggacc ctgatgtccc aggcactgat gaggccagct cagcctgcag cacagactgg 180
gtcatcccag atcccgaaga ggaaccagag cgcaagcgaa agaagggccc agccccgaag 240
atgctgggcc acgagctttg ccgtgtctgt ggggacaagg cctccggctt ccactacaac 300
gtgctcagct gcgaaggctg caagggcttc ttccggcgca gtgtggtccg tggtggggcc 360
aggcgctatg cctgccgggg tggcggaacc tgccagatgg acgctttcat gcggcgcaag 420
tgccagcagt gccggctgcg caagtgcaag gaggcaggga tgagggagca gtgcgtcctt 480
tctgaagaac agatccggaa gaagaagatt cggaaacagc agcaggagtc acagtcacag 540
tcgcagtcac ctgtggggcc gcagggcagc agcagctcag cctctgggcc tggggcttcc 600
cctggtggat ctgaggcagg cagccagggc tccggggaag gcgagggtgt ccagctaaca 660
gcggctcaag aactaatgat ccagcagttg gtggcggccc aactgcagtg caacaaacgc 720
tccttctccg accagcccaa agtcacgccc tggcccctgg gcgcagaccc ccagtcccga 780
gatgcccgcc agcaacgctt tgcccacttc acggagctgg ccatcatctc agtccaggag 840
atcgtggact tcgctaagca agtgcctggt ttcctgcagc tgggccggga ggaccagatc 900
gccctcctga aggcatccac tatcgagatc atgctgctag agacagccag gcgctacaac 960
cacgagacag agtgtatcac cttcttgaag gacttcacct acagcaagga cgacttccac 1020
cgtgcaggcc tgcaggtgga gttcatcaac cccatcttcg agttctcgcg ggccatgcgg 1080
cggctgggcc tggacgacgc tgagtacgcc ctgctcatcg ccatcaacat cttctcggcc 1140
gaccggccca acgtgcagga gccgggccgc gtggaggcgt tgcagcagcc ctacgtggag 1200
gcgctgctgt cctacacgcg catcaagagg ccgcaggacc agctgcgctt cccgcgcatg 1260
ctcatgaagc tggtgagcct gcgcacgctg agctctgtgc actcggagca ggtcttcgcc 1320
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tga                                                             1383
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<211> LENGTH: 460
<212> TYPE: PRT
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 4
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 1               5                  10                  15
Gly Pro Pro Gln Pro Gly Ala Pro Ser Ser Ser Pro Thr Val Lys Glu
            20                  25                  30
Glu Gly Pro Glu Pro Trp Pro Gly Gly Pro Asp Pro Asp Val Pro Gly
        35                  40                  45
Thr Asp Glu Ala Ser Ser Ala Cys Ser Thr Asp Trp Val Ile Pro Asp
```

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PATENT APPLICATION: US/10/565,495 TIME: 15:09:22

Input Set : A:\PU60406SEQLIST.txt
Output Set: N:\CRF4\01302006\J565495.raw

```
161     50                  55                  60
162 Pro Glu Glu Glu Pro Glu Arg Lys Arg Lys Lys Gly Pro Ala Pro Lys
163 65                  70                  75                  80
164 Met Leu Gly His Glu Leu Cys Arg Val Cys Gly Asp Lys Ala Ser Gly
165                 85                  90                  95
166 Phe His Tyr Asn Val Leu Ser Cys Glu Gly Cys Lys Gly Phe Phe Arg
167             100                 105                 110
168 Arg Ser Val Val Arg Gly Gly Ala Arg Arg Tyr Ala Cys Arg Gly Gly
169         115                 120                 125
170 Gly Thr Cys Gln Met Asp Ala Phe Met Arg Arg Lys Cys Gln Gln Cys
171     130                 135                 140
172 Arg Leu Arg Lys Cys Lys Glu Ala Gly Met Arg Glu Gln Cys Val Leu
173 145                 150                 155                 160
174 Ser Glu Glu Gln Ile Arg Lys Lys Lys Ile Arg Lys Gln Gln Gln Glu
175                 165                 170                 175
176 Ser Gln Ser Gln Ser Gln Ser Pro Val Gly Pro Gln Gly Ser Ser Ser
177             180                 185                 190
178 Ser Ala Ser Gly Pro Gly Ala Ser Pro Gly Gly Ser Glu Ala Gly Ser
179         195                 200                 205
180 Gln Gly Ser Gly Glu Gly Glu Gly Val Gln Leu Thr Ala Ala Gln Glu
181     210                 215                 220
182 Leu Met Ile Gln Gln Leu Val Ala Ala Gln Leu Gln Cys Asn Lys Arg
183 225                 230                 235                 240
184 Ser Phe Ser Asp Gln Pro Lys Val Thr Pro Trp Pro Leu Gly Ala Asp
185                 245                 250                 255
186 Pro Gln Ser Arg Asp Ala Arg Gln Gln Arg Phe Ala His Phe Thr Glu
187             260                 265                 270
188 Leu Ala Ile Ile Ser Val Gln Glu Ile Val Asp Phe Ala Lys Gln Val
189         275                 280                 285
190 Pro Gly Phe Leu Gln Leu Gly Arg Glu Asp Gln Ile Ala Leu Leu Lys
191     290                 295                 300
192 Ala Ser Thr Ile Glu Ile Met Leu Leu Glu Thr Ala Arg Arg Tyr Asn
193 305                 310                 315                 320
194 His Glu Thr Glu Cys Ile Thr Phe Leu Lys Asp Phe Thr Tyr Ser Lys
195                 325                 330                 335
196 Asp Asp Phe His Arg Ala Gly Leu Gln Val Glu Phe Ile Asn Pro Ile
197             340                 345                 350
198 Phe Glu Phe Ser Arg Ala Met Arg Arg Leu Gly Leu Asp Asp Ala Glu
199         355                 360                 365
200 Tyr Ala Leu Leu Ile Ala Ile Asn Ile Phe Ser Ala Asp Arg Pro Asn
201     370                 375                 380
202 Val Gln Glu Pro Gly Arg Val Glu Ala Leu Gln Gln Pro Tyr Val Glu
203 385                 390                 395                 400
204 Ala Leu Leu Ser Tyr Thr Arg Ile Lys Arg Pro Gln Asp Gln Leu Arg
205                 405                 410                 415
206 Phe Pro Arg Met Leu Met Lys Leu Val Ser Leu Arg Thr Leu Ser Ser
207             420                 425                 430
208 Val His Ser Glu Gln Val Phe Ala Leu Arg Leu Gln Asp Lys Lys Leu
209         435                 440                 445
```

RAW SEQUENCE LISTING DATE: 01/30/2006
PATENT APPLICATION: US/10/565,495 TIME: 15:09:22

Input Set : A:\PU60406SEQLIST.txt
Output Set: N:\CRF4\01302006\J565495.raw

```
210 Pro Pro Leu Leu Ser Glu Ile Trp Asp Val His Glu
211     450                 455                 460
```

VERIFICATION SUMMARY DATE: 01/30/2006
PATENT APPLICATION: US/10/565,495 TIME: 15:09:23

Input Set : A:\PU60406SEQLIST.txt
Output Set: N:\CRF4\01302006\J565495.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date